

WHAT IS CLAIMED IS:

1. A gate entry system for regulating passages of passengers, comprising:
  - 5 a wall unit configured to form a passageway that is extended along a passing direction of the passengers;
  - a gate unit provided at an exit side of the passageway, which is capable of being opened or closed to regulate the passages of the passengers;
  - 10 human sensors configured to sense the passengers in the passageway;
  - a radio communication unit configured to detect a number of passengers entering into the passageway according to outputs of the human sensors, and carry out
  - 15 transmission/reception of data with respect to at least one terminal device of one passenger; and
  - a control unit configured to control opening or closing of the gate unit according to the data received by the radio communication unit.
- 20 2. The gate entry system of claim 1, wherein a plurality of the human sensors are arranged along the passing direction of the passengers.
- 25 3. The gate entry system of claim 1, wherein the radio communication unit receives the data that is information regarding a permission to pass the gate unit.
- 30 4. The gate entry system of claim 1, wherein at least one of the human sensors has a detectable range at a front side of a communication possible range of the radio communication unit along the passing direction of the passengers.
- 35 5. The gate entry system of claim 1, wherein the control

unit closes the gate unit when at least one of the human  
sensors with a detectable range overlapping with a  
communication possible range of the radio communication  
unit detects a passenger before the transmission/reception  
5 of the data is finished.

6. The gate entry system of claim 1, wherein the control  
unit permits an entry of one subsequent passenger into a  
communication possible range of the radio communication  
10 unit when a connection with the terminal device of one  
passenger is already established.

7. The gate entry system of claim 1, further comprising:  
a display unit for displaying a state of progress of a  
15 processing by the control unit.

8. The gate entry system of claim 7, wherein the display  
unit is arranged along the passing direction of the  
passengers and guides the passages of the passengers  
20 according to the state of progress of the processing.

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